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Foreword

This volume of TRANSACTIONS, the fifth to be published under the auspices of The Metallurgical Society, is the largest of the series to date. It represents the combined efforts of the Editor, the publication committees, authors, reviewers, and the staff all of whom are deserving of thanks. Of the 1280 pages contained, 124 have been published by means of a grant in the amount of $5,918.52 from the National Science Foundation. This assistance, which is gratefully acknowledged, has enabled us to reduce our backlog to a normal level.

This volume also represents a milestone in our multipronged effort to cope with the problem of publishing TRANSACTIONS within the financial means available to The Metallurgical Society. The 1957 issue was published at a loss of $36,576.00, an amount that was made good from contributions to The Metallurgical Society Publications Fund by interested companies in the metallurgical field. We have kept a pledge to them to reduce costs and to generate sufficient income to render this type of support unnecessary. Our net loss having now been reduced to a level of about $10,000 per annum, the Publications Fund committee has recommended, and the Board of Directors has adopted, a proposal that the remainder of the funds be invested for annual return. These proceeds together with an increase in subscription rates and the royalty returns from our conference volume series (Interscience) should permit the establishment of a fixed dollar income sufficient to publish a TRANSACTIONS volume adequate for our present needs. Grateful acknowledgment is made to those companies who have supported our Publications Fund for their indispensable aid in assisting us to a point of publication solvency.

While we have put our financial house in order for the moment, it would be foolhardy to view this as anything more than an opportunity to make sound plans for future requirements. From experience we can confidently predict that such requirements will be forthcoming from the expanded tempo of research being sponsored by both industry and government. Provision for such developments will require that sources of income be expanded in the future and efforts to do so are being initiated.

New York, N. Y.
January 9, 1962

J. S. Smart, Jr., President
The Metallurgical Society

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The following reference "Roessler, B. and Bever, M.B.: *The Effects of Deformation at 78°K on the Alloy Cu_3Au* October 1049" was omitted from the author listing in the Index. It should be included on pages i and ix.

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